

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Mehnert et al.

Examiner: **Kenneth Whittington**

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Title: Position Detector

Docket: 8263

Confirmation No. **2870**

AFTER-FINAL AMENDMENT AND INTERVIEW SUMMARY RECORD

This is in response to the final office action dated November 6, 2008. An interview occurred by telephone on February 13, 2009 wherein the undersigned explained the structure and operation of the device as set forth in the Example of Fig. 1 of the patent application. The undersigned indicated that the structure set forth in the Example of Fig. 1 is new and that none of the references included this structure. The undersigned indicated that the coils of Fig. 1 operated at substantially the same time but there is a time shift between them during the remagnetization process. No agreement as to the patentability of the claims was reached. The undersigned indicated that this is a very important and successful invention. The undersigned indicated that

an after-final amendment would be filed and that another interview should occur once the Primary Examiner has had a chance to review the amended claims. The undersigned wishes to thank the Primary Examiner for his time in reviewing the application and in conducting the interview.

A supplemental amendment was filed on October 20, 2008. The purpose of this supplemental amendment was to add the word “external” in the remarks section on page 6, line 17, so as to clarify the amendment filed on September 23, 2008 to make clear that no “external” current was necessary for the monitoring circuit. The undersigned respectfully requests that the Primary Examiner acknowledge this minor correction to the record.

Claims 1-30 were previously cancelled. Please cancel claim 31. Claims 32-45 are in the application. No new matter has been added.

Please amend claims 32-44 to clarify the claims and remove claim objections. Please add new claim 45 which includes the subject matter of claim 31. No new matter has been added.

A claim listing follows.

Respectfully submitted,

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